Listing of the Claims

Claims 1-25 (Cancelled)

26. (New) A method for providing data, the method comprising the steps of:

receiving a request to create a virtual data store that reflects a state of an
original data store at a specified time, the specified time selected from a substantially
continuous time interval;

receiving a storage protocol request for data at a specified address in the virtual data store; and

transmitting data stored in the original data store at the specified address at the specified time in response to the storage protocol request.

- 27. (New) The method of claim 26 wherein the original data store comprises another virtual data store.
- 28. (New) The method of claim 27 wherein the original data store comprises a current store and a time store.
- 29. (New) The method of claim 26 wherein the virtual data store comprises a logical unit.
- 30. (New) The method of claim 29 wherein both the request to create the virtual data store and the storage protocol request are received in a single protocol request packet.
- 31. (New) The method of claim 29 wherein the request to create the virtual data store is received in a different data packet than the storage protocol request.
- 32. (New) The method of claim 26 wherein the request to create the virtual data store is received via a user interface.
- 33. (New) The method of claim 26 wherein the request to create the virtual data store is received via the storage protocol request.
- 34. (New) The method of claim 26 wherein the storage protocol request comprises a standard read request.
- 35. (New) The method of claim 34 wherein the storage protocol request comprises a SCSI read request.
- 36. (New) The method of claim 26 wherein the storage protocol request comprises a Fibre Channel protocol request.

- 37. (New) The method of claim 26 wherein the storage protocol request is received over a Fibre Channel physical layer.
- 38. (New) The method of claim 26 wherein the request to create the virtual data store is received from a host.
- 39. (New) The method of claim 26 wherein the request to create the virtual data store is received from a network.
- 40. (New) The method of claim 26 wherein the original data store comprises a current store and a time store.
- 41. (New) The method of claim 26 wherein the virtual data store comprises a current store and a time store.
- 42. (New) The method of claim 26 wherein the original data store comprises at least one terabyte of data.
- 43. (New) The method of claim 42 wherein the original data store comprises multiple physical storage devices.
- 44. (New) The method of claim 43 wherein the multiple physical storage devices comprise at least ten physical storage devices.
- 45. (New) The method of claim 44 wherein the multiple physical storage devices comprise at least 100 physical storage devices.
- 46. (New) The method of claim 26 wherein the virtual data store comprises a read only data store.
- 47. (New) The method of claim 26 wherein the substantially continuous time interval is the interval between a past time and a current time.
- 48. (New) The method of claim 26 wherein the data is transmitted substantially instantaneously in response to the storage protocol request.
- 49. (New) The method of claim 48 wherein the data is transmitted in less than 1 millisecond.
- 50. (New) The method of claim 26, further comprising the step of writing data to the virtual data store in response to a storage protocol write request.
- 51. (New) The method of claim 50 wherein the storage protocol write request comprises a standard write request.

- 52. (New) The method of claim 51 wherein the storage protocol write request comprises a SCSI write request.
- 53. (New) The method of claim 50 wherein the storage protocol write request comprises a Fibre Channel protocol request.
- 54. (New) A method for providing data, the method comprising the steps of:
 generating, substantially instantaneously, a virtual data store that reflects
 the state of an original data store at a specified time;

receiving a storage protocol request for data at a specified address in the virtual data store; and

transmitting data stored in the original data store at the specified address at the specified time in response to the storage protocol request.

- 55. (New) The method of claim 54 wherein the specified time is selected from a substantially continuous time interval.
- 56. (New) The method of claim 55, further comprising the step of copying the virtual data store to another data store.
- 57. (New) The method of claim 56 wherein the other data store comprise a virtual data store.
- 58. (New) The method of claim 54 wherein the original data store comprise a virtual data store.
- 59. (New) The method of claim 58 wherein the original data store is implemented as a current store and a time store.
- 60. (New) The method of claim 54 wherein the virtual data store comprises a logical unit.
- 61. (New) The method of claim 54, further comprising, before the generating step, the step of receiving a request to create the virtual data store.
- 62. (New) The method of claim 61 wherein the virtual data store is generated within one second of the request to create the virtual data store.
- 63. (New) An article of manufacture having a computer-readable program portion contained therein for providing data, the article comprising:

a computer-readable program portion for receiving a request to create a virtual data store that reflects a state of an original data store at a specified time, the specified time selected from a substantially continuous time interval;

a computer-readable program portion for receiving a storage protocol request for data at a specified address in the virtual data store; and

a computer-readable program portion for transmitting data stored in the original data store at the specified address at the specified time in response to the storage protocol request.

64. (New) A system for providing data, comprising: an original data store;

a virtual data store that reflects a state of the original data store at a specified time selected from a substantially continuous time interval;

a virtual data store generator for generating the virtual data store;

a receiver for receiving a storage protocol request for data at a specified address in the virtual data store; and

a transmitter for transmitting data stored in the original data store at the specified address at the specified time in response to the storage protocol request.

- 65. (New) The system of claim 64, further comprising a storage protocol write request.
- 66. (New) The system of claim 65 wherein a standard I/O command comprises at least one of the storage protocol request and the storage protocol write request.
- 67. (New) The system of claim 66 wherein the standard I/O command comprises a SCSI command.
- 68. (New) The system of claim 67 wherein the standard I/O command comprises a Fibre Channel protocol request.
- 69. (New) A method of receiving data from a data store, the method comprising the steps of:

selecting a specified time that is selected from a substantially continuous time interval;

communicating to a storage device a request to create a virtual logical unit that reflects a state of a first logical unit at the specified time;

communicating to the storage device a storage protocol request for data in the virtual logical unit; and

receiving a response comprising the requested data as the data appeared in the first logical unit at the specified time.

- 70. (New) The method of claim 69 wherein the step of receiving a response further comprises receiving a substantially instantaneous response to the storage protocol request.
- 71. (New) The method of claim 70 wherein the first logical unit comprises at least one terabyte of data.
- 72. (New) The method of claim 70 wherein the response is received in less than 1 millisecond.
- 73. (New) An article of manufacture having a computer-readable program portion contained therein for receiving data from a data store, the article comprising:

a computer-readable program portion for selecting a specified time that is selected from a substantially continuous time interval;

a computer-readable program portion for communicating to a storage device a request to create a virtual logical unit that reflects a state of a first logical unit at the specified time;

a computer-readable program portion for communicating to the storage device a storage protocol request for data in the virtual logical unit; and

a computer-readable program portion for receiving a response comprising the requested data as the data appeared in the first logical unit at the specified time.